BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

In re Application of: Tachibana et al.	Before the Examiner: Augustine, Nicholas
Serial No.: 10/674,180	Group Art Unit: 2179
Filing Date: September 29, 2003	
Title: DIVIDING A LARGE INPUT PAGE INTO A PLURALITY OF SMALLER INPUT PAGES TO PROVIDE EASIER USE OF A TERMINAL WITH A SMALL SCREEN	IBM Corporation Dept. T81/Bldg. 503 P.O. Box 12195 3039 Cornwallis Road Research Triangle Park, NC 27709

APPEAL BRIEF

Mail Stop Appeal Brief-Patents
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I. REAL PARTY IN INTEREST

The real party in interest is International Business Machines Corporation, which is the assignee of the entire right, title and interest in the above-identified patent application.

II. RELATED APPEALS AND INTERFERENCES

There are no other appeals or interferences known to Appellants, Appellants' legal representative or assignee which will directly affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

III. STATUS OF CLAIMS

Claims 1 and 3-14 are pending in the Application. Claims 1 and 3-14 stand rejected. Claim 2 was cancelled. Claims 1 and 3-14 are appealed.

IV. STATUS OF AMENDMENTS

Appellants submitted an amendment (October 11, 2007) following receipt of the final office action (July 17, 2007) where the amendment corrected a typographical mistake in claim 13.

V. SUMMARY OF CLAIMED SUBJECT MATTER

Independent Claim 1:

In one embodiment of the present invention, an information terminal which displays input pages downloaded from a server via a network, and which transmits, using the network, information entered into the input pages by a user, the information terminal comprises a page display section for displaying a plurality of input pages using a browser executed by the information terminal. Specification, page 3, paragraph [0012], lines 3-4; Specification, page 3, paragraph [0013], lines 1-3; Specification, page 3, paragraph [0013], lines 3-6; Specification, page 6, paragraph [0025], lines 1-4; Figure 1, elements 20, 25, 30, 420. The information terminal further comprises an input information storage section for storing a plurality of input parameters entered by a user into more than one of the input pages. Specification, page 6, paragraph [0026], lines 1-2; Figure 1, element 430. Further, the information terminal comprises an input information transmission section for transmitting the plurality of input parameters in response to an instruction. Specification, page 6, paragraph [0029]; lines 1-3; Figure 1, element 440. Furthermore, the information transmission comprises a page reception section for receiving the input pages and for associating the input pages with package identification information, where the input pages enable a user to enter the plurality of input parameters, and further where the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server. Specification, page 5, paragraph [0023], lines 1-4; Specification, page 7, paragraph [0029], lines 3-5; Specification, page 9, paragraph [0037], lines 1-2; Figure 4, element 400.

Independent Claim 10:

In one embodiment of the present invention, a transmission-reception proxy apparatus for displaying input pages downloaded from a server to an information terminal via a network, and for transmitting information entered into the input pages by a user, the proxy apparatus comprises a page display section for displaying a plurality of input pages using a browser executed on the information terminal. Specification, page 3, paragraph [0012], lines 3-4; Specification, page 3, paragraph [0013], lines 1-3; Specification, page 3, paragraph [0013], lines 3-6; Specification, page 5, paragraph [0020], lines 1-4; Specification, page 6, paragraph [0025], lines 1-4; Figure 1, elements 20, 25, 30, 40, 420. The proxy apparatus further comprises an input information storage section for storing a plurality of input parameters entered using more than one of the input pages. Specification, page 6, paragraph [0026], lines 1-2; Figure 1, element 430. Further, the proxy apparatus comprises an input information transmission section for transmitting the plurality of input parameters in response to an instruction to transmit the plurality of input parameters. Specification, page 6, paragraph [0029]; lines 1-3; Figure 1, element 440. Further, the proxy apparatus comprises a page reception section for receiving the input pages and for associating the input pages with package identification information, where the input pages enable a user to enter the plurality of input parameters, and further where the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server. Specification, page 5, paragraph [0023], lines 1-4; Specification, page 7, paragraph [0029], lines 3-5; Specification, page 9, paragraph [0037], lines 1-2; Figure 4, element 400.

Independent Claim 11:

In one embodiment of the present invention, a communication system comprising a server for storing a plurality of input pages and an information terminal for accepting a user's entries into the input pages, where the server comprises a page

transmission section for transmitting the input pages in response to an instruction from the information terminal, the information terminal comprises a page reception section for transmitting the instruction from the information terminal and for receiving the input pages. Specification, page 3, paragraph [0012], lines 1-5; Specification, page 3, paragraph [0015], lines 1-3; Specification, page 5, paragraph [0023], lines 1-6; Specification, page 9, paragraph [0037], lines 1-2; Figure 1, elements 10, 20, 30, 110; Figure 4, element 400. Further, the information terminal comprises a page display section for displaying the input pages using a browser executed on the information terminal. Specification, page 6, paragraph [0025], lines 1-3; Figure 4, element 420. Additionally, the information terminal comprises an input information storage section for storing a plurality of input parameters entered using more than one of the input pages. Specification, page 6, paragraph [0026], lines 1-2; Figure 1, element 430. Furthermore, the information terminal comprises an input information transmission section for combining the input parameters and transmitting combined input parameters in response to an instruction. Specification, page 6, paragraph [0029]; lines 1-5; Figure 1, element 440. Further, the information terminal comprises a page reception section for receiving the input pages and for associating the input pages with package identification information, where the input pages enable a user to enter the plurality of input parameters, and further where the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server. Specification, page 5, paragraph [0023], lines 1-4; Specification, page 7, paragraph [0029], lines 3-5; Specification, page 9, paragraph [0037], lines 1-2; Figure 4, element 400.

Independent Claim 12:

In one embodiment of the present invention, a method of communication between a server which stores a plurality of input pages and an information terminal which accepts a user's input entered using more than one of the input pages, comprising the step of transmitting a plurality of input pages from a server to an

information terminal in response to a request from the information terminal. Specification, pages 13-14, paragraph [0055], lines 1-7; Figure 4, step 400. The method further comprises receiving the input pages by the information terminal. Specification, page 14, paragraph [0055], lines 7-10; Figure 4, step 410. Further, the method comprises displaying the input pages using a browser executed on the information terminal. Specification, page 14, paragraph [0057], lines 2-4; Figure 4, step 420. Additionally, the method comprises storing, in a memory of the information terminal, a plurality of input parameters entered using more than one of the input pages. Specification, page 14, paragraph [0057], lines 4-11; Figure 4, step 430. Further, the method comprises combining the stored input parameters according to package identification information. Specification, page 16, paragraph [0062], lines 1-3; Figure 5, step 510. Furthermore, the method comprises transmitting the combined input parameters from the information terminal to the server in response to an instruction. Specification, page 16, paragraph [0062], lines 1-3; Figure 5, step 510.

Independent Claim 13:

In one embodiment of the present invention, a program product enabling a computer to function as an information terminal which displays input pages downloaded from a server via a network and transmits information entered into the input pages by a user, the program product providing modules of computer usable program code tangibly embodied in a computer usable storage medium, the modules comprising a page display module for displaying input pages using a browser executed on the information terminal. Specification, page 3, paragraph [0012], lines 3-4; Specification, page 3, paragraph [0013], lines 1-3; Specification, page 3, paragraph [0013], lines 3-6; Specification, page 6, paragraph [0025], lines 1-4; Specification, page 18, paragraph [0071], lines 1-5; Specification, page 18, paragraph [0072], lines 1-2; Figure 1, elements 20, 25, 30, 420. The modules further comprise an input information storage module for storing a plurality of input parameters entered using more than one of the input pages. Specification, page 6, paragraph [0026], lines 1-2; Figure 1, element 430. Further, the modules comprise an input

information transmission module for transmitting the plurality of input parameters in response to receiving an instruction. Specification, page 6, paragraph [0029]; lines 1-3; Figure 1, element 440. Additionally, the modules comprise a page reception module for receiving the input pages and for associating the input pages with package identification information, where the input pages enable a user to enter the plurality of input parameters, and further where the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server. Specification, page 5, paragraph [0023], lines 1-4; Specification, page 7, paragraph [0029], lines 3-5; Specification, page 9, paragraph [0037], lines 1-2; Figure 4, element 400.

Independent Claim 14:

In one embodiment of the present invention, a computer usable recording medium that tangibly embodies modules of computer usable program instructions enabling a computer to function as an information terminal for displaying input pages downloaded from a server via a network and for transmitting, using the network, information entered by a user into more than one of the input pages, the recording medium comprises a page display module for displaying a plurality of input pages using a browser executed on the information terminal. Specification, page 3, paragraph [0012], lines 3-4; Specification, page 3, paragraph [0013], lines 1-3; Specification, page 3, paragraph [0013], lines 3-6; Specification, page 6, paragraph [0025], lines 1-4; Specification, page 18, paragraph [0071], lines 1-5; Specification, page 18, paragraph [0072], lines 1-2; Figure 1, elements 20, 25, 30, 420. Further, the recording medium comprises an input information storage module for storing a plurality of input parameters entered using more than one of the input pages. Specification, page 6, paragraph [0026], lines 1-2; Figure 1, element 430. Additionally, the recording medium comprises an input information transmission module for transmitting the plurality of input parameters in response to an instruction to transmit the plurality of input parameters. Specification, page 6, paragraph [0029]; lines 1-3; Figure 1, element 440. Furthermore, the recording medium comprises a

page reception module for receiving the input pages and for associating the input pages with package identification information, where the input pages enable a user to enter the plurality of input parameters, and further where the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server. Specification, page 5, paragraph [0023], lines 1-4; Specification, page 7, paragraph [0029], lines 3-5; Specification, page 9, paragraph [0037], lines 1-2; Figure 4, element 400.

VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

A. Claims 1 and 3-14 stand rejected under 35 U.S.C. §102(e) as being anticipated by Iida (U.S. Patent Application Publication No. 2002/0032739).

VII. ARGUMENT

A. Claims 1 and 3-14 are not properly rejected under 35 U.S.C. §102(e) as being anticipated by Iida.

The Examiner has rejected claims 1 and 3-14 under 35 U.S.C. §102(e) as being anticipated by Iida. Appellants respectfully traverse these rejections for at least the reasons stated below.

For a claim to be anticipated under 35 U.S.C. §102, each and every claim limitation must be found within the cited prior art reference and arranged as required by the claim. M.P.E.P. §2131.

1. Claims 1, 10, 11, 13 and 14 are not anticipated by Iida.

Appellants respectfully assert that Iida does not disclose "an input information storage section for storing a plurality of input parameters entered by a user into more than one of the input pages" as recited in claim 1 and similarly in claims 10, 11, 13 and 14. The Examiner cites element 9 in Figure 2 of Iida as disclosing the above-cited claim limitation. Office Action (7/17/2007), page 3. Appellants respectfully traverse.

Iida instead discloses that portable terminal 1 includes a memory 9 for storing message data received via the Internet. [0031]. Furthermore, Iida discloses that the gateway server 7 which has received the main text data of the designated e-mail divides the main text data having a certain total number of characters into a plurality of text data each having a total number of characters displayable on the display 2 of the portable terminal 1 or storable in the memory 9 at a time (step S2). [0036].

Hence, Iida discloses that memory 9 is used for storing text data received from gateway server 7. However, there is no language in Iida that discloses that memory 9 is used for storing input parameters entered by a user into more than one of the input pages.

Thus, Iida does not disclose all of the limitations of claims 1, 10, 11, 13 and 14, and thus Iida does not anticipate claims 1, 10, 11, 13 and 14. M.P.E.P. §2131.

Appellants further assert that Iida does not disclose "an input information transmission section for transmitting the plurality of input parameters in response to an instruction" as recited in claim 1 and similarly in claims 10, 13 and 14. The Examiner cites paragraph [0046], lines 1-5 of Iida as disclosing the above-cited claim limitation. Office Action (7/17/2007), page 3. Appellants respectfully traverse.

Iida instead discloses that when all of the text data entered into the text input boxes are read out and output to the gateway server 7 and all of the text input boxes become empty (step T8), the gateway server 7 arranges the text data that have been sequentially read out from the text input boxes in order of time of input, and outputs a series of all arranged main text data of e-mail to the POP server 8 (step T9). [0046]. Hence, Iida discloses sending text data of an e-mail entered by the user to gateway server 7.

There is no language in the cited passage that discloses transmitting the plurality of input parameters. Neither is there any language in the cited passage that discloses transmitting the plurality of input parameters in response to an instruction.

Thus, Iida does not disclose all of the limitations of claims 1, 10, 13 and 14, and thus Iida does not anticipate claims 1, 10, 13 and 14. M.P.E.P. §2131.

Appellants further assert that Iida does not disclose "an input information transmission section for combining the input parameters and transmitting combined input parameters in response to an instruction" as recited in claim 11. The Examiner cites paragraphs [0046-0048 and 0056] of Iida as disclosing the above-cited claim limitation. Office Action (7/17/2007), page 4. Appellants respectfully traverse.

Iida instead discloses that when the writing of all of the main text data of the e-mail is complete and a total number of the written characters of the main text data has not yet exceeded the limitation of the number of characters transmittable from this portable terminal, the web browser installed on the portable terminal sequentially reads out respective text data entered into the respective text input boxes from box to box in order of time of input, and outputs the respective text data to the gateway server 7 (steps T3, T10, T7). [0046]. Iida further discloses that when a total number of the written characters exceeds the limitation of the number of characters transmittable from the portable terminal, the web browser installed on the portable terminal reads out the text data entered into the text input box in the most previous time, and outputs the text data to the gateway server 7 (steps T3, T4). [0047]. Iida further discloses that then, the entry of text to follow is made by the web browser into the empty (no character entered) text input box that has been emptied by the read-out of the previous text data (step T5). [0047]. Furthermore, Iida discloses that subsequently, a series of the above-described process (from step T4 via steps T5 and T6 to step T4) is repeatedly carried out as shown in FIG. 7(c), until the writing of all of the main text data of the e-mail is complete. [0047]. Additionally, Iida discloses that when the writing of all of the main text data of the e-mail is complete and, such a case that the character (icon or the like) of "send" indicated on the display 2 is selected, the web browser installed on the portable terminal sequentially reads out the text data entered into the text input box into which entry of the most previously written text has been made, and outputs the text data to the gateway server 7 (steps

T6, T7). [0048]. Additionally, Iida discloses that according to the transmitting/receiving method of the text data in the portable terminal, main text data received from a predetermined server are divided into a plurality of segment text data each having a data size displayable on the portable terminal and output to the portable terminal by a gateway server. [0056].

Hence, Iida discloses dividing long text data into a plurality of segment data each having a data size displayable on the portable terminal. Further, Iida discloses allowing a user to enter text data in an e-mail up to the limit of the number of characters that are transmittable from the portable terminal.

There is no language in the cited passages that discloses an input information transmission section for combining the input parameters. Neither is there any language in the cited passages that discloses an input information transmission section for transmitting combined input parameters in response to an instruction. Thus, Iida does not disclose all of the limitations of claim 11, and thus Iida does not anticipate claim 11. M.P.E.P. §2131.

Appellants further assert that Iida does not disclose "a page reception section for receiving the input pages and for associating the input pages with package identification information, wherein the input pages enable a user to enter the plurality of input parameters, and further wherein the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server" as recited in claim 1 and similarly in claims 10, 11, 13 and 14. The Examiner cites paragraphs [0030, 45, 46-48 and 56] of Iida as disclosing the above-cited claim limitations. Office Action (7/17/2007), pages 3-4. Appellants respectfully traverse.

Iida instead discloses that Figure 1 shows an example of a system configuration used in a case where a portable terminal adaptable to Compact HTML (Hyper Text Markup Language) accesses via a gateway server to a POP (Post Office Protocol) server or the like that requires user authentication. [0030]. Iida further

discloses that when the writing of all of the main text data of the e-mail is complete and a total number of the written characters of the main text data has not yet exceeded the limitation of the number of characters transmittable from this portable terminal, the web browser installed on the portable terminal sequentially reads out respective text data entered into the respective text input boxes from box to box in order of time of input, and outputs the respective text data to the gateway server 7 (steps T3, T10, T7). [0046]. Iida further discloses that when a total number of the written characters exceeds the limitation of the number of characters transmittable from the portable terminal, the web browser installed on the portable terminal reads out the text data entered into the text input box in the most previous time, and outputs the text data to the gateway server 7 (steps T3, T4). [0047]. Iida further discloses that then, the entry of text to follow is made by the web browser into the empty (no character entered) text input box that has been emptied by the read-out of the previous text data (step T5). [0047]. Furthermore, Iida discloses that subsequently, a series of the above-described process (from step T4 via steps T5 and T6 to step T4) is repeatedly carried out as shown in FIG. 7(c), until the writing of all of the main text data of the e-mail is complete. [0047]. Additionally, Iida discloses that when the writing of all of the main text data of the e-mail is complete and, such a case that the character (icon or the like) of "send" indicated on the display 2 is selected, the web browser installed on the portable terminal sequentially reads out the text data entered into the text input box into which entry of the most previously written text has been made, and outputs the text data to the gateway server 7 (steps T6, T7). [0048]. Additionally, Iida discloses that according to the transmitting/receiving method of the text data in the portable terminal, main text data received from a predetermined server are divided into a plurality of segment text data each having a data size displayable on the portable terminal and output to the portable terminal by a gateway server. [0056].

Hence, Iida discloses dividing long text data into a plurality of segment data each having a data size displayable on the portable terminal. Further, Iida discloses

allowing a user to enter text data in an e-mail up to the limit of the number of characters that are transmittable from the portable terminal.

There is no language in the cited passages that discloses a page reception section for receiving the input pages and for associating the input pages with package identification information. Neither is there any language in the cited passages that discloses that the input pages enable a user to enter the plurality of input parameters. Neither is there any language in the cited passages that discloses that the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server.

Thus, Iida does not disclose all of the limitations of claims 1, 10, 11, 13 and 14, and thus Iida does not anticipate claims 1, 10, 11, 13 and 14. M.P.E.P. §2131.

2. Claims 3-9 are not anticipated by Iida for at least the reasons that claim 1 is not anticipated by Iida.

Claims 3-9 each recite combinations of features of independent claim 1, and hence claims 3-9 are not anticipated by Iida for at least the above-stated reasons that claim 1 is not anticipated by Iida.

3. Claim 3 is not anticipated by Iida.

Appellants respectfully assert that Iida does not disclose "wherein the input information storage section associates input identification information for identifying input information of a package with the input parameters, and wherein the input information transmission section selects and combines input parameters entered into the input pages of a package and which are associated with the same input identification information from among the input parameters stored in the input information storage section, and transmits the resulting combination as the input information" as recited in claim 3. The Examiner cites paragraphs [0046 and 0056] of Iida as disclosing the above-cited claim limitations. Office Action (7/17/2007), page 5. Appellants respectfully traverse.

Iida instead discloses that when all of the text data entered into the text input boxes are read out and output to the gateway server 7 and all of the text input boxes become empty (step T8), the gateway server 7 arranges the text data that have been sequentially read out from the text input boxes in order of time of input, and outputs a series of all arranged main text data of e-mail to the POP server 8 (step T9). [0046]. Iida further discloses that the POP server 8 performs a transmission of the e-mail as an SMTP (Simple Mail Transfer Protocol) server. [0046]. Furthermore, Iida discloses that according to the transmitting/receiving method of the text data in the portable terminal, main text data received from a predetermined server are divided into a plurality of segment text data each having a data size displayable on the portable terminal and output to the portable terminal by a gateway server. [0056].

Hence, Iida discloses dividing long text data into a plurality of segment data each having a data size displayable on the portable terminal. Further, Iida discloses allowing a user to enter text data in an e-mail up to the limit of the number of characters that are transmittable from the portable terminal.

There is no language in the cited passages that discloses an input information storage section that associates input identification information for identifying input information of a package with the input parameters. Neither is there any language in the cited passages that discloses an input information transmission section that selects and combines input parameters entered into the input pages of a package. Neither is there any language in the cited passages that discloses an input information transmission section that selects and combines input parameters entered into the input pages of a package and which are associated with the same input identification information from among the input parameters stored in the input information storage section. Neither is there any language in the cited passages that discloses transmitting the resulting combination as the input information.

Thus, Iida does not disclose all of the limitations of claim 3, and thus Iida does not anticipate claim 3. M.P.E.P. §2131.

4. Claim 4 is not anticipated by Iida.

Appellants respectfully assert that Iida does not disclose "wherein the input information transmission section combines the input parameters and transmits the combination after all of the input parameters of a package have been stored in the input information storage section" as recited in claim 4. The Examiner cites paragraphs [0046 and 0056] of Iida as disclosing the above-cited claim limitations. Office Action (7/17/2007), page 5. Appellants respectfully traverse.

As stated above, Iida instead discloses that when all of the text data entered into the text input boxes are read out and output to the gateway server 7 and all of the text input boxes become empty (step T8), the gateway server 7 arranges the text data that have been sequentially read out from the text input boxes in order of time of input, and outputs a series of all arranged main text data of e-mail to the POP server 8 (step T9). [0046]. Iida further discloses that the POP server 8 performs a transmission of the e-mail as an SMTP (Simple Mail Transfer Protocol) server. [0046]. Furthermore, Iida discloses that according to the transmitting/receiving method of the text data in the portable terminal, main text data received from a predetermined server are divided into a plurality of segment text data each having a data size displayable on the portable terminal and output to the portable terminal by a gateway server. [0056].

Hence, Iida discloses dividing long text data into a plurality of segment data each having a data size displayable on the portable terminal. Further, Iida discloses allowing a user to enter text data in an e-mail up to the limit of the number of characters that are transmittable from the portable terminal.

There is no language in the cited passages that discloses an input information transmission section that combines the input parameters and transmits the combination after all of the input parameters of a package have been stored in the input information storage section. Thus, Iida does not disclose all of the limitations of claim 4, and thus Iida does not anticipate claim 4. M.P.E.P. §2131.

5. Claim 5 is not anticipated by Iida.

Appellants respectfully assert that Iida does not disclose "further comprising a page storage section for storing the input pages and associating the plurality of input pages with package identification information; wherein the page reception section receives the input pages and associates the input pages with information for identifying a display order; and further wherein the page display section displays a selected input page stored in the page storage section, and then, responsive to receiving an indication that entry of input into the selected input page is complete, displays the input page that is next according to the display order" as recited in claim 5. The Examiner cites paragraphs [0046 and 0056] of Iida as disclosing the above-cited claim limitations. Office Action (7/17/2007), page 6. Appellants respectfully traverse.

As stated above, Iida instead discloses that when all of the text data entered into the text input boxes are read out and output to the gateway server 7 and all of the text input boxes become empty (step T8), the gateway server 7 arranges the text data that have been sequentially read out from the text input boxes in order of time of input, and outputs a series of all arranged main text data of e-mail to the POP server 8 (step T9). [0046]. Iida further discloses that the POP server 8 performs a transmission of the e-mail as an SMTP (Simple Mail Transfer Protocol) server. [0046]. Furthermore, Iida discloses that according to the transmitting/receiving method of the text data in the portable terminal, main text data received from a predetermined server are divided into a plurality of segment text data each having a data size displayable on the portable terminal and output to the portable terminal by a gateway server. [0056].

Hence, Iida discloses dividing long text data into a plurality of segment data each having a data size displayable on the portable terminal. Further, Iida discloses allowing a user to enter text data in an e-mail up to the limit of the number of characters that are transmittable from the portable terminal.

There is no language in the cited passages that discloses a page storage section for storing the input pages and associating the plurality of input pages with package identification information. Neither is there any language in the cited passages that discloses a page reception section that receives the input pages and associates the input pages with information for identifying a display order. Neither is there any language in the cited passages that discloses a page display section that displays a selected input page stored in the page storage section, and then, responsive to receiving an indication that entry of input into the selected input page is complete, displays the input page that is next according to the display order. Thus, Iida does not disclose all of the limitations of claim 5, and thus Iida does not anticipate claim 5. M.P.E.P. §2131.

6. Claim 6 is not anticipated by Iida.

Appellants respectfully assert that Iida does not disclose "wherein the page reception section receives destination information for identifying a return destination of the input information, associates the destination information with package identification information; and the input information transmission section selects and combines a plurality of input parameters of a package from the information storage section, and transmits the resulting combination to the return destination identified by the destination information associated with the package" as recited in claim 6. The Examiner cites paragraphs [0046 and 0056] of Iida as disclosing the above-cited claim limitations. Office Action (7/17/2007), page 6. Appellants respectfully traverse.

As stated above, Iida instead discloses that when all of the text data entered into the text input boxes are read out and output to the gateway server 7 and all of the text input boxes become empty (step T8), the gateway server 7 arranges the text data that have been sequentially read out from the text input boxes in order of time of input, and outputs a series of all arranged main text data of e-mail to the POP server 8 (step T9). [0046]. Iida further discloses that the POP server 8 performs a

transmission of the e-mail as an SMTP (Simple Mail Transfer Protocol) server. [0046]. Furthermore, Iida discloses that according to the transmitting/receiving method of the text data in the portable terminal, main text data received from a predetermined server are divided into a plurality of segment text data each having a data size displayable on the portable terminal and output to the portable terminal by a gateway server. [0056].

Hence, Iida discloses dividing long text data into a plurality of segment data each having a data size displayable on the portable terminal. Further, Iida discloses allowing a user to enter text data in an e-mail up to the limit of the number of characters that are transmittable from the portable terminal.

There is no language in the cited passages that discloses a page reception section that receives destination information for identifying a return destination of the input information. Neither is there any language in the cited passages that discloses a page reception section that associates the destination information with package identification information. Neither is there any language in the cited passages that discloses an input information transmission section that selects and combines a plurality of input parameters of a package from the information storage section. Neither is there any language in the cited passages that discloses an input information transmission section that transmits the resulting combination to the return destination identified by the destination information associated with the package.

Thus, Iida does not disclose all of the limitations of claim 6, and thus Iida does not anticipate claim 6. M.P.E.P. §2131.

7. Claim 7 is not anticipated by Iida.

Appellants respectfully assert that Iida does not disclose "an input information display section for displaying input parameters stored in the input information storage section; and a selection section for enabling the user to select input information to be transmitted; wherein the input information transmission section transmits the selected input information" as recited in claim 7. The Examiner cites paragraphs [0046 and

0056] of Iida as disclosing the above-cited claim limitations. Office Action (7/17/2007), page 7. Appellants respectfully traverse.

As stated above, Iida instead discloses that when all of the text data entered into the text input boxes are read out and output to the gateway server 7 and all of the text input boxes become empty (step T8), the gateway server 7 arranges the text data that have been sequentially read out from the text input boxes in order of time of input, and outputs a series of all arranged main text data of e-mail to the POP server 8 (step T9). [0046]. Iida further discloses that the POP server 8 performs a transmission of the e-mail as an SMTP (Simple Mail Transfer Protocol) server. [0046]. Furthermore, Iida discloses that according to the transmitting/receiving method of the text data in the portable terminal, main text data received from a predetermined server are divided into a plurality of segment text data each having a data size displayable on the portable terminal and output to the portable terminal by a gateway server. [0056].

Hence, Iida discloses dividing long text data into a plurality of segment data each having a data size displayable on the portable terminal. Further, Iida discloses allowing a user to enter text data in an e-mail up to the limit of the number of characters that are transmittable from the portable terminal.

There is no language in the cited passages that discloses an input information display section for displaying input parameters stored in the input information storage section. Neither is there any language in the cited passages that discloses a selection section for enabling the user to select input information to be transmitted. Neither is there any language in the cited passages that discloses a selection section for enabling the user to select input information to be transmitted, where the input information transmission section transmits the selected input information. Thus, Iida does not disclose all of the limitations of claim 7, and thus Iida does not anticipate claim 7. M.P.E.P. §2131.

8. Claim 8 is not anticipated by Iida.

Appellants respectfully assert that Iida does not disclose "an online detection section for determining whether the information terminal can communicate with an external apparatus, wherein the input information transmission section transmits the combined input parameters responsive to a determination of whether the information terminal can communicate with the external apparatus" as recited in claim 8. The Examiner cites paragraph [0050] of Iida as disclosing the above-cited claim limitations. Office Action (7/17/2007), page 7. Appellants respectfully traverse.

Iida instead discloses that the control code is used not only to arrange the text data that have been sequentially read out from the respective text input boxes in order of time of input and reconstruct an uninterrupted main text data of the e-mail in the gateway server 7 but also to reedit the text data having been transmitted from the portable terminal 1 to the gateway server 7. [0050].

There is no language in the cited passage that discloses an online detection section for determining whether the information terminal can communicate with an external apparatus. Neither is there any language in the cited passage that discloses an input information transmission section that transmits the combined input parameters responsive to a determination of whether the information terminal can communicate with the external apparatus. Thus, Iida does not disclose all of the limitations of claim 8, and thus Iida does not anticipate claim 8. M.P.E.P. §2131.

9. Claim 9 is not anticipated by Iida.

Appellants respectfully assert that Iida does not disclose "a return information storage section for associating return information from a server which has received the combined input parameters with information for identifying the server and storing the return information; and a return information display section for displaying the return information responsive to an instruction to display the return information" as recited in claim 9. The Examiner cites paragraphs [0046, 0050 and 0056] of Iida as disclosing the above-cited claim limitations. Office Action (7/17/2007), pages 7-8. Appellants respectfully traverse.

Iida instead discloses that when all of the text data entered into the text input boxes are read out and output to the gateway server 7 and all of the text input boxes become empty (step T8), the gateway server 7 arranges the text data that have been sequentially read out from the text input boxes in order of time of input, and outputs a series of all arranged main text data of e-mail to the POP server 8 (step T9). [0046]. Iida further discloses that the POP server 8 performs a transmission of the e-mail as an SMTP (Simple Mail Transfer Protocol) server. [0046]. Additionally, Iida discloses that the control code is used not only to arrange the text data that have been sequentially read out from the respective text input boxes in order of time of input and reconstruct an uninterrupted main text data of the e-mail in the gateway server 7 but also to reedit the text data having been transmitted from the portable terminal 1 to the gateway server 7. [0050]. Furthermore, Iida discloses that according to the transmitting/receiving method of the text data in the portable terminal, main text data received from a predetermined server are divided into a plurality of segment text data each having a data size displayable on the portable terminal and output to the portable terminal by a gateway server. [0056].

There is no language in the cited passages that discloses a return information storage section for associating return information from a server which has received the combined input parameters with information for identifying the server and storing the return information. Neither is there any language in the cited passages that discloses a return information display section for displaying the return information responsive to an instruction to display the return information. Thus, Iida does not disclose all of the limitations of claim 9, and thus Iida does not anticipate claim 9. M.P.E.P. §2131

10. Claim 12 is not anticipated by Iida.

Appellants respectfully assert that Iida does not disclose "transmitting a plurality of input pages from a server to an information terminal in response to a request from the information terminal" as recited in claim 12. The Examiner has not

specifically addressed this limitation. In order to establish a *prima facie* case of anticipation, the Examiner must provide a single prior art reference that expressly or inherently describes each and every element as set forth in the claim. *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 U.S.P.Q.2d 1051, 1053 (Fed. Cir. 1987). Since the Examiner has not addressed this limitation, the Examiner has not established a *prima facie* case of anticipation in rejecting claim 12. M.P.E.P. §2131.

Appellants further assert that Iida does not disclose "storing, in a memory of the information terminal, a plurality of input parameters entered using more than one of the input pages" as recited in claim 12. As understood by Appellants, the Examiner cites element 9 in Figure 2 of Iida as disclosing the above-cited claim limitation. Office Action (7/17/2007), pages 3 and 8. Appellants respectfully traverse.

Iida instead discloses that portable terminal 1 includes a memory 9 for storing message data received via the Internet. [0031]. Furthermore, Iida discloses that the gateway server 7 which has received the main text data of the designated e-mail divides the main text data having a certain total number of characters into a plurality of text data each having a total number of characters displayable on the display 2 of the portable terminal 1 or storable in the memory 9 at a time (step S2). [0036]. Iida further discloses that when the writing of all of the main text data of the e-mail is complete and a total number of the written characters of the main text data has not yet exceed the limitation of the number of characters transmittable from this portable terminal, the web browser installed on the portable terminal sequentially reads out respective text data entered into the respective text input boxes from box to box in order of time of input, and outputs the respective text data to the gateway server 7 (steps T3, T10, T7). [0045]. Iida additionally discloses that when a total number of the written characters exceeds the limitation of the number of characters transmittable from the portable terminal, the web browser installed on the portable terminal reads out the text data entered into the text input box in the most previous time, and outputs the text data to the gateway server 7 (steps T3, T4). [0047]. Iida further discloses that then, the entry of text to follow is made by the web browser into the empty (no

character entered) text input box that has been emptied by the read-out of the previous text data (step T5). [0047]. Furthermore, Iida discloses that subsequently, a series of the above-described process (from step T4 via steps T5 and T6 to step T4) is repeatedly carried out as shown in FIG. 7(c), until the writing of all of the main text data of the e-mail is complete. [0047]. Additionally, Iida discloses that when the writing of all of the main text data of the e-mail is complete and, such a case that the character (icon or the like) of "send" indicated on the display 2 is selected, the web browser installed on the portable terminal sequentially reads out the text data entered into the text input box into which entry of the most previously written text has been made, and outputs the text data to the gateway server 7 (steps T6, T7). [0048].

Hence, Iida discloses that memory 9 is used for storing text data received from gateway server 7. However, there is no language in Iida that discloses that memory 9 is used for storing a plurality of input parameters entered using more than one of the input pages. Thus, Iida does not disclose all of the limitations of claim 12, and thus Iida does not anticipate claim 12. M.P.E.P. §2131.

Appellants further assert that Iida does not disclose "combining the stored input parameters according to package identification information" as recited in claim 12. As understood by Appellants, the Examiner cites paragraphs [0046 and 0056] of Iida as disclosing the above-cited claim limitations. Office Action (7/17/2007), page 8. Appellants respectfully traverse.

As stated above, Iida instead discloses that when all of the text data entered into the text input boxes are read out and output to the gateway server 7 and all of the text input boxes become empty (step T8), the gateway server 7 arranges the text data that have been sequentially read out from the text input boxes in order of time of input, and outputs a series of all arranged main text data of e-mail to the POP server 8 (step T9). [0046]. Iida further discloses that the POP server 8 performs a transmission of the e-mail as an SMTP (Simple Mail Transfer Protocol) server. [0046]. Furthermore, Iida discloses that according to the transmitting/receiving

method of the text data in the portable terminal, main text data received from a predetermined server are divided into a plurality of segment text data each having a data size displayable on the portable terminal and output to the portable terminal by a gateway server. [0056].

Hence, Iida discloses dividing long text data into a plurality of segment data each having a data size displayable on the portable terminal. Further, Iida discloses allowing a user to enter text data in an e-mail up to the limit of the number of characters that are transmittable from the portable terminal.

There is no language in the cited passages that discloses combining the stored input parameters according to package identification information. Thus, Iida does not disclose all of the limitations of claim 12, and thus Iida does not anticipate claim 12. M.P.E.P. §2131.

Appellants further assert that Iida does not disclose "transmitting the combined input parameters from the information terminal to the server in response to an instruction" as recited in claim 12. As understood by Appellants, the Examiner cites paragraph [0046], lines 1-5 of Iida as disclosing the above-cited claim limitation. Office Action (7/17/2007), pages 3 and 8. Appellants respectfully traverse.

Iida instead discloses that when all of the text data entered into the text input boxes are read out and output to the gateway server 7 and all of the text input boxes become empty (step T8), the gateway server 7 arranges the text data that have been sequentially read out from the text input boxes in order of time of input, and outputs a series of all arranged main text data of e-mail to the POP server 8 (step T9). [0046]. Hence, Iida discloses sending text data of an e-mail entered by the user to gateway server 7.

There is no language in the cited passage that discloses transmitting the combined input parameters from the information terminal to the server in response to an instruction. Thus, Iida does not disclose all of the limitations of claim 12, and thus Iida does not anticipate claim 12. M.P.E.P. §2131.

VIII. CONCLUSION

For the reasons noted above, the rejections of claims 1 and 3-14 are in error. Appellants respectfully request reversal of the rejections and allowance of claims 1 and 3-14.

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CLAIMS APPENDIX

1. An information terminal which displays input pages downloaded from a server via a network, and which transmits, using the network, information entered into the input pages by a user, said information terminal comprising:

a page display section for displaying a plurality of input pages using a browser executed by the information terminal;

an input information storage section for storing a plurality of input parameters entered by a user into more than one of the input pages;

an input information transmission section for transmitting the plurality of input parameters in response to an instruction; and

a page reception section for receiving the input pages and for associating the input pages with package identification information, wherein the input pages enable a user to enter the plurality of input parameters, and further wherein the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server.

3. The information terminal according to claim 1,

wherein the input information storage section associates input identification information for identifying input information of a package with the input parameters, and

wherein the input information transmission section selects and combines input parameters entered into the input pages of a package and which are associated with the same input identification information from among the input parameters stored in the input information storage section, and transmits the resulting combination as the input information.

4. The information terminal according to claim 1, wherein the input information transmission section combines the input parameters and transmits the combination after all of the input parameters of a package have been stored in the input information storage section.

5. The information terminal according to claim 1, further comprising a page storage section for storing the input pages and associating the plurality of input pages with package identification information;

wherein the page reception section receives the input pages and associates the input pages with information for identifying a display order; and further

wherein the page display section displays a selected input page stored in the page storage section, and then, responsive to receiving an indication that entry of input into the selected input page is complete, displays the input page that is next according to the display order.

6. The information terminal according to claim 1,

wherein the page reception section receives destination information for identifying a return destination of the input information, associates the destination information with package identification information; and

the input information transmission section selects and combines a plurality of input parameters of a package from the information storage section, and transmits the resulting combination to the return destination identified by the destination information associated with the package.

7. The information terminal according to claim 1, further comprising:

an input information display section for displaying input parameters stored in the input information storage section; and

a selection section for enabling the user to select input information to be transmitted;

wherein the input information transmission section transmits the selected input information.

8. The information terminal according to claim 1, further comprising an online detection section for determining whether the information terminal can communicate with an external apparatus, wherein the input information transmission section

transmits the combined input parameters responsive to a determination of whether the information terminal can communicate with the external apparatus.

9. The information terminal according to claim 1, further comprising:

a return information storage section for associating return information from a server which has received the combined input parameters with information for identifying the server and storing the return information; and

a return information display section for displaying the return information responsive to an instruction to display the return information.

10. A transmission-reception proxy apparatus for displaying input pages downloaded from a server to an information terminal via a network, and for transmitting information entered into the input pages by a user, the proxy apparatus comprising:

a page display section for displaying a plurality of input pages using a browser executed on the information terminal;

an input information storage section for storing a plurality of input parameters entered using more than one of the input pages;

an input information transmission section for transmitting the plurality of input parameters in response to an instruction to transmit the plurality of input parameters; and

a page reception section for receiving the input pages and for associating the input pages with package identification information, wherein the input pages enable a user to enter the plurality of input parameters, and further wherein the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server.

11. A communication system comprising a server for storing a plurality of input pages and an information terminal for accepting a user's entries into the input pages, wherein the server comprises a page transmission section for transmitting the input

pages in response to an instruction from the information terminal, said information terminal comprising:

a page reception section for transmitting the instruction from the information terminal and for receiving the input pages;

a page display section for displaying the input pages using a browser executed on the information terminal;

an input information storage section for storing a plurality of input parameters entered using more than one of the input pages;

an input information transmission section for combining the input parameters and transmitting combined input parameters in response to an instruction; and

a page reception section for receiving the input pages and for associating the input pages with package identification information, wherein the input pages enable a user to enter the plurality of input parameters, and further wherein the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server.

12. A method of communication between a server which stores a plurality of input pages and an information terminal which accepts a user's input entered using more than one of the input pages, comprising the steps of:

transmitting a plurality of input pages from a server to an information terminal in response to a request from the information terminal;

receiving the input pages by the information terminal;

displaying the input pages using a browser executed on the information terminal;

storing, in a memory of the information terminal, a plurality of input parameters entered using more than one of the input pages;

combining the stored input parameters according to package identification information; and

transmitting the combined input parameters from the information terminal to the server in response to an instruction.

13. A program product enabling a computer to function as an information terminal which displays input pages downloaded from a server via a network and transmits information entered into the input pages by a user, said program product providing modules of computer usable program code tangibly embodied in a computer usable storage medium, said modules comprising:

a page display module for displaying input pages using a browser executed on the information terminal;

an input information storage module for storing a plurality of input parameters entered using more than one of the input pages;

an input information transmission module for transmitting the plurality of input parameters in response to receiving an instruction; and

a page reception module for receiving the input pages and for associating the input pages with package identification information, wherein the input pages enable a user to enter the plurality of input parameters, and further wherein the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server.

14. A computer usable recording medium that tangibly embodies modules of computer usable program instructions enabling a computer to function as an information terminal for displaying input pages downloaded from a server via a network and for transmitting, using the network, information entered by a user into more than one of the input pages, said recording medium comprising:

a page display module for displaying a plurality of input pages using a browser executed on the information terminal;

an input information storage module for storing a plurality of input parameters entered using more than one of the input pages;

an input information transmission module for transmitting the plurality of input parameters in response to an instruction to transmit the plurality of input parameters; and

a page reception module for receiving the input pages and for associating the

input pages with package identification information, wherein the input pages enable a user to enter the plurality of input parameters, and further wherein the input information transmission section combines the input parameters entered into the input pages of a package and transmits the combined input parameters to the server.

EVIDENCE APPENDIX

No evidence was submitted pursuant to §§1.130, 1.131, or 1.132 of 37 C.F.R. or of any other evidence entered by the Examiner and relied upon by Appellants in the Appeal.

RELATED PROCEEDINGS APPENDIX

There are no related proceedings to the current proceeding.

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